REDACTED VERSION

PLM SOIL SAMPLING ANALYTICAL RESULTS MAY 1-29, 1998

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Deena DePalma **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge LA 70816

REC'D MÁY 0 6 1998 Ref Number IN981311

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601 - WEST BANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	NONASBESTOS BROUS % I	NONFIBROUS
WBS1876G01	(b) (6)	Brown Non Fibrous Homogeneous	Crushed	2% Chrysotile 1% Crocidolite	97% (Other
WBS1876G02		Brown Non Fibrous Homogeneous	Crushed	None Detected	100% (Other
WBS1904G01		Brown Non Fibrous Homogeneous	Crushed	2% Chrysotile 1% Crocidolite	97% (Other
WBS1938G04		Brown Non Fibrous Homogeneous	Crushed	2% Amosite 2% Crocidolite	96% (Other
WBS1938G05		Brown Non Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Amosite	100% (Other
WBS1938G06		Brown Non Fibrous Homogeneous	Crushed	1% Chrysotile < 1% Amosite	99% (Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Richard K Harding **Analyst**

Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Deena DePalma **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge LA 70816

Friday May 01 1998

Ref Number IN981311

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601 - WEST BANK ASBESTOS

			SAMPLE	<u>ASBE</u>	<u>stos</u>		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1938G07	(b) (6)	Brown Non Fibrous Homogeneous	Crushed	3% Ch < 1% Am	-			97%	Other
WBS1938G08		Brown Non Fibrous Homogeneous	Crushed	1% Chi 1% Am	-			98%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also '# of Layers' refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Richard K Harding Analyst Approved Signatory



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i Brown Grey Tan White Red	6 Various 7 Black 8 Silver 9 Blue 0 Orange	1 Fibrous 2 Non Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	3 Dissolved 4 Ashed	Chrysoule Amoste Anthophyllite Tremolite Actinolite Crocidolite None Detected	2 3 4 5 6	Cellulose Glass Min Wool Synthetic Other Wollastonit Hair		1 Quartz 2 Mica 3 Gypsum 4 Cal Car 5 Matrix 6 Perlite 7 Other		1	Prope	erties	-	
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OFFICIAL
CHAIN OF CUSTODY RECORD

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EPA 7500-53 (11/96)

Green to Report Yellow Returns with Warrant

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Deena DePalma **Ecology & Environment**

Monday May 04 1998

11550 New Castle Avenue RECD MAY 1 1 1998

Ref Number IN981340

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS REMOVAL

			SAMPLE	<u>ASB</u>	<u>ESTOS</u>		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1953G01	(b) (6)	Brown	Crushed	< 1% Ch	rysotile			80%	Quartz
		Non Fibrous Homogeneous		< 1% Cr	ocidolite			20%	Other
WBS992G04		Brown	Crushed	1% Ch	rysotile			78%	Quartz
		Non Fibrous Homogeneous		1% Cr	ocidolite			20%	Other
WBS1897G01		Brown	Crushed	< 1% Ch	rysotile			80%	Quartz
		Non Fibrous Homogeneous						20%	Other
WBS1897G02	_	Brown	Crushed	1% Ch	rysotile				Quartz
		Non Fibrous Homogeneous		2% Cr	ocidolite			20%	Other
WBS1897G03		Brown	Crushed	< 1% Ch	rysotile			80%	Quartz
		Non Fibrous Homogeneous						20%	Other
WBS1897G04	-	Brown	Crushed	< 1% Ch	rysotile				Quartz
		Non Fibrous Homogeneous		< 1% Cro	ocidolite			20%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Approved Signatory

Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Deena DePalma

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Monday May 04 1998

Ref Number IN981340

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS REMOVAL

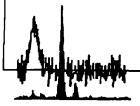
			SAMPLE	<u>ASB</u>	ESTOS		NONASB	ESTOS
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	% NONFIBROUS
WBS1844G01	(b) (6)	Brown Non Fibrous Homogeneous	Crushed	ţ.	hrysotile rocidolite			77% Quartz 20% Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Maraaret Phillips Analyst

Approved
Signatory



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Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk, #20018R.n.)

Ecology & Environment Client Logged 5/1/98 TAT 1 Dav 11550 New Castle Avenue Date/Time Due 5/4/98 8 00 AM Address Suite 250 Baton Rouge LA 70816 Special Handling **Billing Number** (504) 363 4732 Fax IN981340 020601 WESTBANK ASBESTOS REMOVAL Project Asbestos Results Fibrous Non Fibrous Optical Appearance Treatment **Properties** Chrysotile Cellulose Quartz 6 Various Fibrous Teased 1 Brown 1 Homogeneous 2 Non-F 3 Other 2 Crushed 3 Dissolved 4 Ashed Amosite Anthophyllite Glass Min Wool 7 Black Non-Fibrous 2 Heterogeneous Mica 2 Grey Gvpsum 8 Silver 3 Other 4 Layers (#) Other Tremolite Synthetic Cal Carbonate 4 White 9 Blue 0 Orange Actinolite Other Matrix 5 Red Crocidolite Wollastonite Perlite 0 None Detected Other Haır Fibrous Non Fibrous Layers Sample Location Appearance Treatment % ASBESTOS l Type Туре 1-<190 80 2 INBS 1953401 78 1-170 20 992 404 -<172 80 2 7 20 184760 1-1070 77 71 6-270 7 20 602 80 <170 20 603 80 -<17 G04 1-1970 10 77 20 1844 601 S Е - Date

EMSL Analytical Inc 6330 E 75th St. Suite 152 Indianapolis IN 46250

OFFICIAL
CHAIN OF CUSTODY RECORD

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EPA 7500-53 (11/96)

Green to Report Yellow Returns with Warrant

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Gregory Day

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Tuesday May 05 1998

Ref Number IN981344

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

			SAMPLE	ASBE	STOS		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROU
WBS1894G01	(b) (6)	Brown Non Fibrous Homogeneous	Crushed	No	ne Detected				Quartz Other
WBS1897G05		Brown Non Fibrous Homogeneous	Crushed	No	ne Detected				Quartz Other
WBS1897G06		Brown Non Fibrous Homogeneous	Crushed	No	ne Detected				Quartz Other
WBS1932G01		Brown Non Fibrous Homogeneous	Crushed	3% Ch	rysotile				Quartz Other
WBS1964G01		Brown Non Fibrous Homogeneous	Crushed	Noi	ne Detected				Quartz Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Margaret Phillips Analyst

Approved Signatory

WHITE WHITE

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OFFICIAL CHAIN OF CUSTODY RECORD

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EPA 7500-53

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Deena DePalma **Ecology & Environment**

Wednesday May 06 1998

11550 New Castle Avenue RECD MAY 1 1 1998

Ref Number IN981362

Baton Rouge LA 70816

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

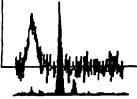
Project 020601 WESTBANK ASBESTOS

			SAMPLE	ASB	ESTOS		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1984G01	(b) (6)	Brown Non Fibrous Homogeneous	Crushed	No	ne Detected				Quartz Other
WBS1667G01		Brown Non Fibrous Homogeneous	Crushed		rysotile ocidolite				Quartz Other
WBS1877G01		Brown Non Fibrous Homogeneous	Crushed	< 1% Ch	•				Quartz Other
WBS1877G02		Brown Non Fibrous Homogeneous	Crushed	< 1% Ch	-				Quartz Other
WBS1924G01		Brown Non Fibrous Homogeneous	Crushed	2% Ch	rysotile ocidolite				Quartz Other
WBS1924G02		Brown Non Fibrous Homogeneous	Crushed	< 1% Cro	ocidolite				Quartz Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All. NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

Client	Ecology &	Environme	nt		Logged 5	/5/98	TAT	1 Day
Address	Suite 250	v Castle Ave		D	ate/Time Due 5		0 AM	
Fax	(504) 363	ge LA 708 ⁻ 4732	16			Special H	andling	Billing Number IN981362
Project	020601 WE	STBANK ASB	ESTOS				,	
		pearance		Treatment	Asbestos Results		Non Fibrous	Optical Properties
Prown 2 Grey 3 Tan 4 White 5 Red	6 Vanous 7 Black 8 Silver 9 Blue 0 Orange	1 Fibrous 2 Non-Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair	1 Quartz 12 Mica 13 Gypsum 14 Cal Carbonate 15 Matrix 16 Perlite 17 Other	I W vy 2 Struge 3 Specify
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OFFICIAL CHAIN OF CUSTODY RECORD

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EPA 7500-53 (11/96)

Green to Report Yellow Returns with Warrant

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Alma Rillera

Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816

Thursday May 07 1998

RECD MAY 1 1 1998

Ref Number IN981371

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

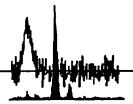
			SAMPLE	<u>ASBESTOS</u>	NONASI	BESTOS
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	% FIBROUS	% NONFIBROUS
WBS1880G01	(b) (6)	Brown	Crushed	1% Chrysotile		78% Quartz
		Non Fibrous		1% Crocidolite		20% Other
		Homogeneous				
WBS1880G02		Brown	Crushed	1% Chrysotile		78% Quartz
		Non Fibrous		1% Crocidolite		20% Other
		Homogeneous				
WBS1880G03		Brown	Crushed	1% Chrysotile		78% Quartz
		Non Fibrous		1% Crocidolite		20% Other
		Homogeneous				
WBS1983G01		Brown	Crushed	3% Chrysotile		76% Quartz
		Non Fibrous		1% Crocidolite		20% Other
		Homogeneous				
WBS1841&184		Brown	Crushed	2% Chrysotile	_	78% Quartz
2G01		Non Fibrous		< 1% Crocidolite		20% Other
		Homogeneous				
WBS1841&184		Brown	Crushed	2% Chrysotile		77% Quartz
2G02		Non Fibrous		1% Crocidolite		20% Other
		Homogeneous				

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

argaret Phillips Analyst

Approved Signatory



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OFFICIAL
CHAIN OF CUSTODY RECORD

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EPA 7500-53

Green to Report Yellow Returns with Warrant

Client	Ecology &	Environmei	nt		Logged	5/6/9	8		TAT	1 Day			
Address	11550 New Suite 250	Castle Aver	nue	D	ate/Time Due	5/7/9	8 900	AM					_
Fax		je LA 7081 4732	16				Special Han	dling		Ві	lling Nu		
Project	020601 WES	TBANK ASBI	ESTOS								IN9813	71	
	App	earance		Treatment	Asbestos Resi	uits	Fibrous	Non I	brous	-	Optio	al	
i Brown 2 Grey 3 Tan 4 White 5 Red	6 Vanous 7 Black 8 Silver 9 Blue 0 Orange	1 Fibrous 2 Non-Fibrous 3 Other	Homogeneous Heterogeneous Other Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	2 3 4 5 6	Cellulose Glass Min Wool Synthetic Other Wollastonite Hair	1 Quartz 2 Mica 3 Gypsum 4 Cal Car 5 Matrix 6 Perlite 7 Other		-	Prope W 17 Stra gM Specify	rties	
Sa	mple	Location	Appearance	Treatment	% ASBESTO	os	Fibrous Type %	Non f	ibrous %	# Layers	P B Yes I Low N 2 Med 3 H gh	E 1 Paratiel 5 vicemetric 3 Oblique	
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EMSL Analytical Inc 6330 E 75th St. Suite 152 Indianapolis IN 46250

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Alma Rillera

Ecology & Environment RECD MAY 1 9 1998

Monday May 11 1998

Suite 250

Baton Rouge LA 70816

Ref Number IN981417

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1

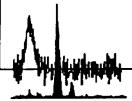
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASB</u> %	ESTOS TYPE	%	<u>NONASB</u> FIBROUS	ESTOS %	NONFIBROUS
WBS1893G01	b) (6)	Brown	Crushed		one Detected		77511000		Quartz
1120100001		Non Fibrous	Crusned	'``	mo Beteeted				Other
		Homogeneous	}	I					
								21	
WBS1810G01		Brown	Crushed	No	one Detected			80%	Quartz
		Non Fibrous							Other
		Homogeneous							
									
WBS1810G02		Brown	Crushed	2% Cr	ırysotile				Quartz Other
1		Non Fibrous						20%	Other
L		Homogeneous					***	_	
WBS1810G03		Brown	Crushed	1% Ch	ırysotile	<u> </u>		78%	 Quartz
		Non Fibrous		1	ocidolite				Other
		Homogeneous							
WBS1810G04		Brown	Crushed	< 1% Cr	ocidolite	1		80%	Quartz
VVD01010004		Non Fibrous	Crusned	1 /0 CI	ocidonte				Other
		Homogeneous		1				2070	Other
								<u>.</u>	
WBS1797G01		Brown	Crushed	1% Ch	rysotile			77%	Quartz
		Non Fibrous		2% Cr	ocidolite			20%	Other
		Homogeneous							

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Margaret Phillips
Analyst

Approved (
Signatory



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6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Alma Rillera

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Monday May 11 1998

Ref Number IN981417

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1

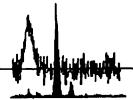
			SAMPLE	ASB	<u>ESTOS</u>		NONASB	<u>ESTOS</u>
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	% NONFIBROUS
WBS1797G02	(b) (6)	Brown	Crushed	1% Ct	rysotile			78% Other
	I	Non Fibrous		1% Cr	ocidolite			20% Other
1	1	Homogeneous				1		
1	<u> </u>		İ	l		ŧ		

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Margaret & Flillips
Analyst

Approved Signatory



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PLM Analysis Worksheet Ecology & Environment 5/8/98 TAT 1 Day Client Logged 5/11/98 9 00 AM 11550 New Castle Avenue Date/Time Due Address Suite 250 Baton Rouge LA 70816 Special Handling Billing Number (504) 363 - 4732 Fax IN981417 020601RAG1 **Project** Appearance Treatment **Asbestos Results Fibrous** Non Fibrous Optical **Properties** 6 Vanous Chrysotile I Cellulose i Ouartz 1 Brown 1 Fibrous 1 Homogeneous 1 Teased 2 Grey 3 Tan 2 Non-Fibrous 3 Other Crushed Amosite 2 Glass 3 Min Wool 4 Synthetic Glass 12 Mica 7 Black 2 Heterogeneous 8 Silver 3 Other Dissolved Anthophyllite Gypsum 4 White 9 Blue 4 Layers (#) Tremolite 4 Cal Carbonate 5 Matrix 0 Orange Actinolite Other 6 Perlite 7 Other Crocidolite Wollastonite None Detected Hair **Fibrous** Non Fibrous Layers Sample Location Appearance Treatment % ASBESTOS Type Туре % WBS 50 NO 2 20 2 1843601 80 NO 20 2 1810601 78 20 a 602 115/11 1-170 10 78 2 20 603 80 10-2190 20 604 77 1-170 2 6-270 20 1797601 78 1-170 2 7 20 607 М S

Analyst Munut Shulpo Date 5/11/48 Computer _____ Date 5/11

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OFFICIAL CHAIN OF CUSTODY RECORD

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EPA 7500-53 (11/96)

Green to Report Yellow Returns with Warrant

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Alma Rillera **Ecology & Environment**11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

REC'D MAY 1 9 1998

Tuesday May 12 1998

Ref Number IN981434

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

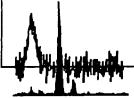
Project 020601RAG1

			SAMPLE	<u>ASBE</u>	STOS		NONASBI	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1925G01	b) (6)	Brown	Crushed	< 1% Chi	rysotile				Quartz
1		Non Fibrous		:				70%	Other
		Homogeneous							
WBS1925G02				No.	ne Detected			300/	Quartz
1925G02		Brown	Crushed	NO	ne Detected				Other
		Non Fibrous Homogeneous		1		1		7070	Other
			<u> </u>						
WBS1882G01		Brown	Crushed	Noi	ne Detected			60%	Quartz
t		Non Fibrous				+		40%	Other
		Homogeneous							
						- 			
WBS1882G02		Brown	Crushed	Nor	ne Detected				Quartz
1		Non Fibrous						40%	Other
		Homogeneous							
WBS1882G03		Brown	Crushed	< 1% Chr				25%	Quartz
VVD31002G03		1	Crusnea	\ 170 CIII	ysome				Other
		Non Fibrous Homogeneous				i I		7 5 70	Other
WBS1874G01		Brown	Crushed	Nor	ne Detected	 I		25%	Quartz
		Non Fibrous		!				75%	Other
		Homogeneous		•					

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Jane Wasılewskı Analyst Approved Signatory



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Suite 250
Baton Rouge LA 70816

Tuesday May 12 1998

Ref Number IN981434

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

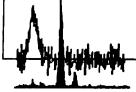
Project 020601RAG1

			SAMPLE	<u>ASB</u>	<u>ESTOS</u>		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1874G02	0) (6)	Brown	Crushed	2% Ct	rysotile			30%	Quartz
		Non Fibrous Homogeneous		< 1% Cr	ocidolite			68%	Other
WBS1874G03		Brown	Crushed	< 1% Ch	rysotile			40%	Quartz
		Non Fibrous Homogeneous		< 1% Cr	ocidolite			60%	Other
WBS1874G04		Brown	Crushed	< 1% Ch	rysotile			30%	Quartz
		Non Fibrous Homogeneous		< 1% Cr	ocidolite	İ		70%	Other
WBS1882G04		Brown	Crushed	< 1% Ch	rysotile			40%	Quartz
		Non Fibrous Homogeneous		< 1% Cr	ocidolite			60%	Other
WBS1882G05		Brown	Crushed	< 1% Ch	rysotile			40%	Quartz
		Non Fibrous Homogeneous		< 1% Cr	ocidolite			60%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Jane Wasılewskı Analyst Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All. NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

OFFICIAL CHAIN OF CUSTODY RECORD

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WB51882		1405	X		1			1	r			_		6 1517				
WBS 1874 GØ1	5-8	154-3	×		(b) (6)			1	X		-			6-151			¥ *	4 4
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EPA 7500-53

Green to Report Yellow Returns with Warrant

Ecology & Environment 5/11/98 TAT 1 Day Logged Client 11550 New Castle Avenue Date/Time Due 5/12/98 9 00 AM Address Suite 250 **Special Handling** Baton Rouge LA 70816 **Billing Number** Fax (504) 363 - 4732 IN981434 020601RAG1 Project Fibrous Non Fibrous Appearance Treatment Asbestos Results Optical **Properties** Cellulose 1 Quartz 6 Vanous Fibrous Homogeneous Chrysotile Glass 2 Mica 7 Black 2 Non-Fibrous 3 Other 2 Heterogeneous 3 Other 4 Layers (#) 2 Grey 3 Tan Amosite Crushed Dissolved Anthophyllite Mın Wool Gypsum 8 Silver 9 Blue Ashed Tremolite Synthetic 4 Cal Carbonate 4 White Other Actinolite 5 Matrix 0 Orange Crocidolite Wollastonit Perlite 0 None Detected Hair Other Fibrous Non Fibrous Layers % ASBESTOS Type Sample Location Appearance Treatment Type 30 154 WBS 1925601 2 N 30 S J 70 602 Е 60 MBS 1882 601 60 S 9 603 Ε 25 6-03 15 WBS 1874 GU1 30 68 G02 154 60 WBS 1874G03 Analyst

EMSL Analytical Inc 6330 E 75th St. Suite 152 Indianapolis IN 46250

A SERVER

Fax	Suite 250 Baton Rou (504) 363 -	ge LA 708 [.] - 4732	16		1	Special H	andling	Billing Number
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Brown Grey Tan White Red	6 Various 7 Black 8 Silver 9 Blue 0 Orange	1 Fibrous 2 Non-Fibrous 3 Other	l Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	3 Dissolved 4 Ashed	Asbestos Results 1 Chrysotile 2 Amoste 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	Fibrous 1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastorite 7 Hair	Non Fibrous 1 Quartz 2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrix 6 Perlite 7 Other	Optical Properties
Sa	mple	Location	Appearance	Treatment	% ASBESTOS	Fibrous Type %	Non Fibrous Type %	# Yes 1 Low 1 Paralle 1 Paralle 2 Symmetrs. 2 Symmetrs 3 High 3 Oblique
	1874 6 0		1 2	2	1-4 6-4	type %	1 30 1 7 70	154 134 17
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Suite 250

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn Alma Rillera **Ecology & Environment**11550 New Castle Avenue

Baton Rouge LA 70816

RECD MAY 1 9 1998

Wednesday May 13 1998

Ref Number IN981458

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

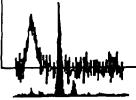
Project 020601RAG1 - WESTBANK ASBESTOS

			SAMPLE	ASBESTOS		NONASB	ESTOS	ı
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS
WBS1782G01	b) (6)	Brown	Crushed	< 1% Chrysotile			25%	— — — — Quartz
		Non Fibrous			1			Other
1		Homogeneous	 _l		1			
WBS1917G01		Brown	Crushed	< 1% Chrysotile	- 1	~	25%	- Quartz
		Non Fibrous		< 1% Crocidolite	ſ			Other
1		Homogeneous						
WBS1796G01		Brown	Crushed	< 1% Chrysotile			25%	Quartz
		Non Fibrous		< 1% Crocidolite				Other
		Homogeneous						
WBS1965G01		Brown	Crushed	< 1% Chrysotile			25%	Quartz
1		Non Fibrous		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Other
		Homogeneous						
WBS1831G01		Brown	Crushed	None Detected	-		25%	Quartz
		Non Fibrous					75%	
1		Homogeneous	1	1	l			
			<u> </u>	' - - - - - - - - - -			_	

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Íane Wasılewski Analyst Approved
Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188.0)

ENVIRONMENTAL PROTECTION AGENCY

OFFICIAL CHAIN OF CUSTODY RECORD

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WBS1796	15-9	1123	Х				-	1	X					6-15)
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MBS1831	5-11	1446	×					1	X		1			6-151		
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EPA 7500-53 (11/96)

Logged 5/12/98

TAT 1 Day

Client Ecology & Environment

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roject		WESTBAN earance	K ASBESTOS	Treatment	Asbestos Resu	ults i	Fibrous	Non Fibr	ous	Opti	cal
Brown Grey Tan White Red	7 Black	Fibrous Non Fibrous Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	2 C 3 N 4 S 5 C	Cellulose Glass Ain Wool Synthetic Other Vollastorute	1 Quartz 2 Mica 3 Gypsum 4 Cal Carbona 5 Matrix 6 Perlite 7 Other	ite	Prope	rties
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6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Chris Sansome

Ecology & Environment

Baton Rouge LA 70816

11550 New Castle Avenue REC'D M..., 1 9 1998

Suite 250

Friday May 15 1998

Ref Number IN981505

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

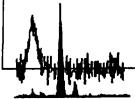
			SAMPLE	<u>ASB</u>	<u>ESTOS</u>		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1844G03	(b) (6)	Brown	Crushed	No.	one Detected			80%	Quartz
PH II		Non Fibrous						20%	6 Other
1		Homogeneous				1			
WBS1985G01		Brown	Crushed	1% Cł	nrysotile	T		 78%	Quartz
		Non Fibrous		l l	ocidolite				Other
		Homogeneous							
WBS1939G01		Brown	Crushed	No	one Detected			80%	Quartz
		Non Fibrous	į					20%	Other
 		Homogeneous							
WBS1939G02		Brown	Crushed	1% Ct	nrysotile			 78%	Quartz
		Non Fibrous		1% Cr	ocidolite			20%	Other
		Homogeneous							
WBS1944G01		Brown	Crushed	No	one Detected			80%	Quartz
		Non Fibrous		:		1			Other
		Homogeneous				1			ĺ
WBS1944G02		Brown	Crushed	< 1% Ch	rysotile	1		80%	Quartz
		Non Fibrous		< 1% Cr	ocidolite			20%	Other
I		Homogeneous				1			

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Analyst

Approved Signatory



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OFFICIAL
CHAIN OF CUSTODY RECORD

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W851939 662	V	0930	8		V	4	, 1	<u> </u>	X						6-151771
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UBS1944 5	13	1420	8		J	J	1		Y						6-15/773
WESKY.	13	1530	8		FCX (b)	(6)		MOH 5 13 51	1						
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c Client **Ecology & Environment** Logged

5/14/98

5/15/98

TAT 1 Day

Address 11550 New Castle Avenue

(504) 363 - 4732

Date/Time Due

9 00 AM

Suite 250 Baton Rouge LA 70816

Fax

Special Handling

Billing Number

IN981505

020601 WESTBANK ASBESTOS Project

	Ar	pearance		Treatment	Asbestos Results	Fibro	us	Non F	brous		Opti	
Brown Grey Tan White Red	6 Various 7 Black 8 Silver 9 Blue 0 Orange	1 Fibrous 2 Non-Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	Chrysotie Amoste Anthophythte Tremolite Actinolite Crocidoite None Detected	1 Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair		1 Quartz 2 Mica 3 Gypsum 4 Cal Car 5 Matrix 6 Perlite 7 Other	bonate		Prope	5 2
				·-		Fibro			ibrous	#	P B I Yes I Low 2 \ 2 \ Yed 3 H gb	E 1 Parallel 2 Symmetric 3 Obtique
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Date

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Chris Samsome

Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816

Tuesday May 19 1998

Ref Number IN981545

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601 - WESTBANK ASBESTOS

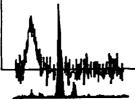
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBI %	ESTOS TYPE	%	NONASB		NONEMBOOK
WBS1177G01) (6)	Brown	-1	-т -		%	FIBROUS	% 25%	NONFIBROUS
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Crushed	No	ne Detected	1			Quartz
		Non Fibrous Homogeneous	i					13%	Other
			<u>ــــ</u>	<u> </u>		_			_
WBS1946G01		Brown	Crushed	No	ne Detected			25%	Quartz
		Non Fibrous				1			Other
		Homogeneous				1			
WBS1961G01		Brown	Crushed	29/ Ch	rysotile			250/	
(**************************************		Non Fibrous	Crusned	2% CII	rysoule				Quartz Other
1		Homogeneous						1370	Other
WBSPHASEIIG		Brown	Crushed	< 1% Ch	rysotile			40%	Quartz
02A		Non Fibrous		< 1% Cro	ocidolite			60%	Other
! !		Homogeneous							
WBSPHASEIIG		Brown	Crushed	_ - < 1% Ch		_		400/	Quartz
02B		Non Fibrous	Crusiled	< 1% Cro	-				Other
		Homogeneous		1 70 010	CIGOTIC			00 /0	Other
L			J	1		-			
WBS1841G02P		Brown	Crushed		rysotile			40%	Quartz
HII		Non Fibrous				ļ			Other
į		Homogeneous				1			

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Jane Wasılewskı Analyst

Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All. NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

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OFFICIAL CHAIN OF CUSTODY RECORD

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EPA 7500-53 (11/96)

Client		& Environme w Castle Ave		r	Logged 5 Date/Time Due 5	1 Day			
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Fax	(504) 363							_	
Project	020601 W	ESTBANK AS	BESTOS		ļ			IN9815	940
	A	ppearance		Treatment	Asbestos Results		Non Fibrous	Opti	
1 Brown 2 Grey 3 Tan	6 Various 7 Black 8 Silver	1 Fibrous 2 Non-Fibrous 13 Other	1 Homogeneous 2 Heterogeneous 3 Other	1 Teased 2 Crushed 3 Dissolved	1 Chrysotile 2 Amosite 3 Anthophyllite	Cellulose Glass Min Wool	1 Quartz 2 Mica 3 Gypsum	Prope	rties
4 White 5 Red	9 Blue 0 Orange		4 Layers (#)	4 Ashed	4 Tremoiste 5 Actinolite 6 Crocidolite 10 None Detected	4 Synthetic 5 Other 6 Wollastonite 7 Hair	4 Cal Carbonate 5 Matrix 6 Perlite 7 Other	1 W vv 2 Straight 3 Specify	
	mple	Location	Appearance	Treatment	% ASBESTOS	Fibrous Type	Non-Fibrous Type %	# 1 1 1 1 Low Med Layers 3 H ph	E Parallel 2 Symphotric 3 Oblupae
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6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Chris Samsome

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Wednesday May 20 1998

Ref Number IN981589

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS
WBS1797G01P	b) (6)	Brown	Crushed	< 1% Crocidolite			80%	Quartz
HII		Non Fibrous Homogeneous			1		20%	Other
WBS1913G01		Brown	Crushed	None Detected				Quartz
ı		Non Fibrous Homogeneous					20%	Other
			-	- 	_		-	_
WBS1913G02		Brown	Crushed	< 1% Chrysotile				Quartz
		Non Fibrous Homogeneous	1	< 1% Crocidolite			20%	Other
WB\$1986G01		Brown	Crushed	1% Chrysotile			 78%	Quartz
		Non Fibrous		1% Crocidolite			20%	Other
·		Homogeneous			1			
WBS1797G02		Brown	Crushed	None Detected			80%	Quartz
		Non Fibrous Homogeneous		1			20%	Other
					-			
WBS1988G01		Brown	Crushed	1% Chrysotile				Quartz
		Non Fibrous		1% Crocidolite			20%	Other
i		Homogeneous	1	1				

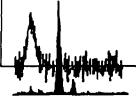
Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Aspect 3. Fill po Margaret Phillips

Analyst

Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All. NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Chris Samsome

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Wednesday May 20 1998

Ref Number IN981589

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601 WESTBANK ASBESTOS

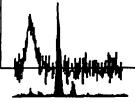
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBE %	ESTOS TYPE	%	<u>NONASB</u> FIBROUS		NONFIBROUS
WBS1988G02	(b) (6)	Brown Non Fibrous Homogeneous	Crushed	т	ne Detected	ı	1,2,1000	80%	Quartz Other
WBS1988G03	(b) (6)	Brown Non Fibrous Homogeneous	Crushed	< 1% Ch	•				Quartz Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Margret & Hillps

Margaret Phillips Analyst Approved Signatory



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Client Ecology & Environment

Logged

5/19/98

TAT 1 Day

Address

11550 New Castle Avenue

Date/Time Due

5/20/98

9 00 AM

Fav

Baton Rouge LA 70816 (504) 363 4732

Suite 250

Special Handling

Billing Number

IN981589

Project 020601 WESTBANK ASBESTOS

Ap	pearance		Treatment	Asbestos Results	Fibrous	s	Non F	ibrous	Optical
Brown 6 Vanous Grey 7 Black Tan 8 Silver White 9 Blue Red 0 Orange	1 Fibrous 2 Non-Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	3 Dissolved 4 Ashed	1 Chrysotile 2 Amoste 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	I Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair		1 Quartz 2 Mica 3 Gypsum 4 Cal Carl 5 Matrix 6 Perlite 7 Other		Properties
				o None Detected	Fibrou			ibrous	# 1 Yes 1 Low 1 Parallel
Sample	Location	Appearance	Treatment	% ASBESTOS	Туре	%	Туре	%	Layers 2 N 2 fed 3 High 3 Oblique
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EMSL Analytical Inc 6330 E 75th St Suite 152 Indianapolis IN 46250

OFFICIAL CHAIN OF CUSTODY RECORD PROJ NO **PROJECT NAME** METBANK BRESTOS REMOVAL. NO OF REMARKS CON **TAINERS** COMP DATE TIME **STATION LOCATION** STA NO EPA TAG# 1940 6-151787 加工 6-151788 1040 6-151789 1050 WB51986 6-151790 02 WBS 1797 6-151791 山 602 Relinquished by (Signature) Date / Time Received by (Signature) (Date / Time Relinquished by (Signature) Received by (Signature) Relinquished by (Signature) Date / Time Received by (Signature) Date / Time Received by (Signature) Relinquished by (Signature) Relinquished by (Signature) Date / Time Received for Laboratory by Date / Time Remarks (Signature) Shipped by Airbill Number Distribution White Accompanies Shipment Pink to Coordinator Field Files Green to Report Yellow Returns with Warrant

EPA 7500-53 (11/96)

6-10225

OFFICIAL
CHAIN OF CUSTODY RECORD

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	•	Dist	ributi				hipment Pink to Coordin	ator Field Fil	es								

EPA 7500-53 (11/96)

Green to Report Yellow Returns with Warrant

6- 10224

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Chris Samsome

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Thursday May 21 1998

Ref Number IN981597

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

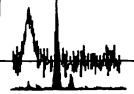
Project 020601 WESTBANK ASBESTOS REMOVAL

			SAMPLE	<u>ASBESTOS</u>		<u>NONASB</u>	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS
WBS1757G01	(b) (6)	Brown Non Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite				Quartz Other
WBS1792G01		Brown Non Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite				Quartz Other
WBS1826G01		Brown Non Fibrous Homogeneous	Crushed	< 1% Chrysotile				Quartz Other
WBS1826G02		Brown Non Fibrous Homogeneous	Crushed	< 1% Chrysotile				Quartz Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also "# of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

ane Wasılewskı Analyst Approved Signatory



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PROJ NO PROJECT NAME WESTBANK ASBESTOS PRINOVAL SAMPLERS (Signature) TENNAL REMARKS COMP TIME CIATIO STOCK I I DATE STA NO EPA TAG # WB51757 6-151792 1050 WBS 1826 6-151794 1445 601 W851826 6-151795 1455 -44 /1K Received by (Signature) Relinquished by (Signature) Date / Time Date / Time Date / Time | Received 1, Relinquished by (Signature) Date / Time Received by (Signature) Relinquished by (Signature) Date / Time Re evin (Signa cre Shipped by Airbill Nor 5 Distribution White Accompanies Shipment Fi Creen to Report Nellow Returns in

EPA 7500-53 (11/96)

6-18226

Ecology & Environment TAT 1 Day Logged 5/20/98 Client 5/21/98 9 00 AM 11550 New Castle Avenue Date/Time Due Address Suite 250 Baton Rouge LA 70816 Special Handling Billing Number (504) 363 4732 Fax IN981597 020601 WESTBANK ASBESTOS REMOVAL Project Asbestos Results Fibrous Non Fibrous Optical Appearance Treatment l Quartz 2 Mica **Properties** 1 Cellulose l Chrysotile 1 Fibrous 1 Homogeneous 1 Teased Various Brown 2 Glass 3 Min Wool 4 Synthetic 7 Black 8 Sil er Amosite Grey Non Fibrous Heterogeneous Crushed Gypsum Cal Carbonate Dissolved Anthophyllite 3 Other 3 Other 3 Tan 4 White 4 Layers (#) Ashed Tremolite Matrix Acunoiste 5 Red 0 Orange Crocidolite Wollastonite 6 Perlite 7 Other Perlite Наи 0 None Detected Fibrous Non Fibrous Layers % ASBESTOS Type % Sample Location Appearance Treatment Type 35 54 4 WBS 1757601 65 35 1792 6c1 60 40 1826601 1- <1 60 Computer Date Analyst EMSL Analytical Inc 6330 E 75th St Suite 152 Indianapolis IN 46250

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Maggie Lin

Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816

Tuesday May 26 1998

Ref Number IN981632

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

RECD JUN 0 1 1998

Project 020601RAG1 WESTBANK ASBESTOS REMOVAL

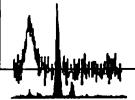
			SAMPLE	ASBE	ESTOS		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1864G01	(b) (6)	Brown	Crushed	No	ne Detected			80%	₀ Quartz
1		Non Fibrous				ı		20%	6 Other
		Homogeneous							
WBS1864G02		Brown	Crushed	2% Ch	rysotile			77%	Quartz
		Non Fibrous			ocidolite				6 Other
]		Homogeneous				t			
WBS1971G01		Brown	Crushed		ne Detected			 	Quartz
		Non Fibrous							Other
		Homogeneous							
WBS1971G02		Brown	Crushed	No	ne Detected			80%	Quartz
		Non Fibrous						20%	Other
I		Homogeneous							
WB\$1864G03	-	Brown	Crushed	No	ne Detected			80%	Quartz
		Non Fibrous	ŀ					20%	Other
		Homogeneous		1					
WBS1971G03		Brown	Crushed	< 1% Chi	rysotile	 -		 80%	Quartz
		Non Fibrous	Ordaned	< 1% Cro		1			Other
		Homogeneous							
		riorriogeneous	1						

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Malagret Phillips
Anglyst

Approved Signatory



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6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Maggie Lin

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Tuesday May 26 1998

Ref Number IN981632

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1 WESTBANK ASBESTOS REMOVAL

			SAMPLE	ASB	<u>ESTOS</u>		<u>NONASB</u>	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1971G04	b) (6)	Brown	Crushed	No	ne Detected			80%	Quartz
		Non Fibrous Homogeneous						20%	Other
WBS1971G05		Brown Non Fibrous	Crushed	No	one Detected				Quartz Other
1		Homogeneous							
WBS1971G06		Brown	Crushed	No	ne Detected	_	-	- 80%	 Quartz
		Non Fibrous Homogeneous				 		20%	Other
WBS1809G01		Brown	Crushed	2% Ch	rysotile				Quartz
		Non Fibrous Homogeneous		2% Cr	ocidolite			20%	Other
WBS1809G02		Brown	Crushed	1% Ch	rysotile			77%	Quartz
!		Non Fibrous Homogeneous		2% Cr	ocidolite			20%	Other
WBS1809G03		Brown	Crushed	1% Ch	rysotile	<u> </u>			Quartz
ļ		Non Fibrous Homogeneous		1% Cro	ocidolite	(20%	Other

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Margaret Phillips Analyst

Approved Signatory



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Region 6		OFFICIAL AIN OF CUSTODY RECORD	p.1862	1445 Ross Avenue, Suite 1200 P Dallas Texas 75202-2733
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MICO 290 dm Cham	we ////wy	con / 🗸 /		REMARKS
STA NO DATE TIME ON WE STORY	STATION LOCATION	OF CON TAINERS	EPATag	#
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186 1971 V K25 X	1 1 1	1 X	6-151718	1
WES1964 5-21 0900 X	(b) (6)	\ X	6-151902	1
603 60S X			6-151903	1-
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Suite 250 Baton Rouge LA 70816 Fax (504) 363 - 4732 IN981632	Client	Ecology &	Environme	ent		Logged	5/22/98	TA	T 1 Day	,	
Project O20601RAG1 WESTBANK ASBESTOS REMOVAL		Suite 250 Baton Rou	ge LA 708		ו	Date/Time Due			í	3ıllıng Nu	- ımber
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Sample Location Appearance Treatment % ASBESTOS Fibrous Type % Layers 1	2 Grey 3 Tan 4 White	6 Various 7 Black 8 Silver 9 Blue	1 Fibrous 2 Non-Fibrous	2 Heterogeneous 3 Other	1 Teased 2 Crushed 3 Dissolved	1 Chrysotile 2 Amoste 3 Anthophyllite 4 Tremolite 15 Actinolite	l Cellulose 2 Glass 3 Min Wool 4 Synthetic 5 Other	l Quartz 2 Mica l 3 Gypsum 4 Cal Carbonate 5 Matrix			
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III A			 	
Analyst Jayaut Shullpo Date	5/24/98	Computer	Date	

PLM Analysis Worksheet Ecology & Environment Client Logged 5/22/98 TAT 1 Day 11550 New Castle Avenue 5/26/98 10 00 AM Address Date/Time Due Suite 250 Baton Rouge LA 70816 Special Handling **Billing Number** (504) 363 - 4732 Fax IN981632 020601RAG1 WESTBANK ASBESTOS REMOVAL Project Fibrous Non Fibrous Treatment **Asbestos Results** Optical **Appearance** Properties 6 Vanous 7 Black 8 Silver Cellulose 1 Fibrous Teased Chrysotile 1 Quartz 1 Brown 1 Homogeneous 2 Glass 2 Grey 2 Non-Fibrous 3 Other 2 Heterogeneous Crushed Amosite 2 Mica Min Wool Anthophylhte Gypsun 3 Tan 4 White 3 Other Dissolved 9 Blue Tremolite Synthetic Cal Carb 4 Layers (#) 4 Ashed 0 Orange Actinolite 5 Other 5 Matrix Crocidolite Wollastonite 6 Perlite 0 None Detected Hair Other Fibrous Non Fibrous Layers Location Appearance Treatment % ASBESTOS % Sample Туре Туре WBS 80 1971606 1 1-290 1 76 2 1809 601 1-170 77 20 1809602 1-170 178 18046031

Analyst Muse Date 5/24/98 Computer _____ Date _____

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn Maggie Lin **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge LA 70816

Wednesday May 27 1998

Ref Number IN981662

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project WESTBANK ASBESTOS REMOVAL

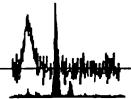
			SAMPLE	ASBES	STOS		<u>NONASB</u>	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1794G01	(b) (6)	Brown	Crushed	< 1% Chry	/sotile			60%	Quartz
		Non Fibrous Homogeneous				1		40%	Other
WBS1934G01		Brown	Crushed	2% Chry	rsotile			45%	Quartz
		Non Fibrous Homogeneous		< 1% Croc	cidolite			53%	Other
WBS1934G02	-	Brown	Crushed	2% Chry	rsotile			45%	Quartz
ı		Non Fibrous Homogeneous		< 1% Croc	cidolite			53%	Other
WBS1962G01		Brown	Crushed	3% Chry	sotile			40%	Quartz
i		Non-Fibrous	1					57%	Other
1		Homogeneous	1	I					

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

lane Wasilewski **Analyst**

Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report nay only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

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PLM Analysis Worksheet Ecology & Environment 5/26/98 Client Logged 1 Day 11550 New Castle Avenue 5/27/98 **Address** Date/Time Due 9 51 AM **Surte 250** Baton Rouge LA 70816 **Special Handling Billing Number** (504) 363 4732 Fax IN981662 WESTBANK ASBESTOS REMOVAL Project **Asbestos Results Fibrous** Non Fibrous Optical Appearance Treatment **Properties** Chrysotile 1 Brown 6 Various Fibrous 1 Homogeneous 1 Teased Cellulose 1 Ouartz 7 Black Glass 2 Mica 2 Grey 3 Tan 2 Non-Fibrous 3 Other 2 Heterogeneous 3 Other 2 Crushed 3 Dissolved Amosite Anthophyliste Min Wool Gypsum 8 Silver 4 White Layers (#) Ashed Tremolite Synthetic Cal Carbonate 0 Orange Actinolite Other Matrix Wollastonite Crocidolite Perlite Hair Other Non Fibrous **Fibrous** Layers Sample Location Treatment % ASBESTOS Type Type Appearance 154 60 ーくし WBS1794 GO 2 WBS 1934 001 602 40 WBS 1962 GOI S В Ε 11 М S Ε

Analyst Date $\frac{5}{27}/98$ Computer Date $\frac{5}{27}$

EMSE-Analytical Inc. 6330 E 75th St. Suite 152, Indianapolis, IN 46250

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Gregory Day

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Friday May 29 1998

Ref Number IN981684

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1 - WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS
WBS1923G01	(b) (6)	Brown	Crushed	1% Chrysotile			98%	Other
		Non Fibrous		1% Crocidolite				
		Homogeneous						
WBS1923G02		Brown	Crushed	2% Chrysotile			98%	Other
		Non Fibrous						
		Homogeneous						
WBS1923G03		Brown	Crushed	2% Chrysotile			98%	Other
		Non Fibrous	O'uonou					
		Homogeneous						
WBS1872G01	-	Brown	Crushed	1% Chrysotile			99%	Other
10000000		Non Fibrous	Crustieu	< 1% Crocidolite	:		0070	Circi
		Homogeneous		, , , , , , , , , , , , , , , , , , , ,				
WBS1872G02		Brown	Crushed	2% Chrysotile		-	98%	Other
VVB31072302		Non Fibrous	Crusned	2 % Citysothe			30 /	Otilei
		Homogeneous						
		. iomogonoods			1		 _	
WB\$1872G03		Brown	Crushed	2% Chrysotile			98%	Other
1		Non Fibrous			[
	t	Homogeneous						

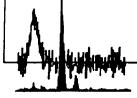
Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Richard K Hardina

Analyst

Approved Signatory



Disclaimers PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government All. NVLAP reports with NVLAP logo must contain at least one signature to be valid Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Gregory Day

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge LA 70816

Friday May 29 1998

Ref Number IN981684

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1 - WESTBANK ASBESTOS

SAMDI E			SAMPLE	<u>ASBI</u>	<u>ESTOS</u>		NONASE	<u>BESTOS</u>		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS	
WBS1872G05	(b) (6)	Brown	Crushed	No	ne Detected			100%	Other	
		Non Fibrous								
ì		Homogeneous								
WBS1994G01	-	Brown	Crushed	No	ne Detected			100%	Other	
		Non Fibrous				1				
1		Homogeneous								
WBS1994G02	-	Brown	Crushed	No	ne Detected			100%	Other	
1		Non Fibrous							i	
		Homogeneous								
WBS1994G03		Brown	Crushed	· < 1% Ch	rysotile			100%	Other	
		Non Fibrous								
1		Homogeneous								
WBS1933G01		Brown	Crushed	No	ne Detected			100%	Other	
1		Non Fibrous								
		Homogeneous								
WBS1933G02		Brown	Crushed	No	ne Detected		***	100%	Other	
		Non Fibrous							ſ	
		Homogeneous								

Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

NY samples also analyzed by ELAP 198 1 Method

Richard K Harding Analyst Approved Signatory

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6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn Gregory Day

Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge LA 70816

Friday May 29 1998

Ref Number IN981684

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project 020601RAG1 - WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		NONASBESTOS				
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	%	NONFIBROUS		
WBS1933G03	(b) (6)	Brown Non Fibrous Homogeneous	Crushed	< 1% Chrysotile			100%	Other		
WBS1933G04		Brown Non Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			100%	Other		
WBS1933G05		Brown Non Fibrous Homogeneous	Crushed	1% Chrysotile < 1% Crocidolite			99%	Other		
WBS1872G04		Brown Non Fibrous Homogeneous	Crushed	None Detected			100%	Other		

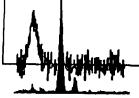
Comments For all obviously heterogeneous samples easily separated into subsamples and for layered samples each component is analyzed separately Also # of Layers refers to number of separable subsamples

* NY samples also analyzed by ELAP 198 1 Method

Richard K Hardina

Analyst

Approved Signatory



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Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0)

OFFICIAL
HAIN OF CUSTODY RECORD

REGION 6
1445 Ross Avenue Suite 1200
Dallas Tayas 75202-2733

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OFFICIAL HAIN OF CUSTODY RECORD

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Dallas Taxas 75202-2733

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Client	Ecology 8	k Environme	nt		Logged 5	3		TAT	1 Day				
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	Aı	ppearance	, ., .,	Treatment	Asbestos Results		Fibrous	Non-	Fibrous	¬	Opt		
l Brown 2 Grey 3 Tan 4 White 5 Red	6 Various 7 Black 8 Silver 9 Blue 0 Orange	1 Fibrous 2 Non-Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite 0 None Detected	2 Gla 3 Min 4 Syr 5 Oth	n Wool nthetic ner illastorite	1 Quartz 2 Mica 3 Gypsun 4 Cal Ca 5 Matrix 6 Perlite 7 Other	n	1	Prope	erties	
 Sa	 mnle	Location	Appearance	Treatment	% ASBESTOS		Fibrous Type %	Non I	Fibrous %	# Layers	P B I Yes I Low 2. Vo 2. Med 3 High	E I Parallel 2 Symmetric. 3 Oblique	
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Ecology & Environment Client

Logged 5/27/98 TAT 1 Day

Address

11550 New Castle Avenue

Date/Time Due

5/28/98

9 00 AM

Suite 250

Baton Rouge LA 70816

Fax

(504) 363 - 4732

Special Handling

Billing Number

IN981684

020601RAG1 WESTBANK ASBESTOS Project

Al	ppearance		Treatment	Asbestos Results	Fibrous	Non Fibrous	Optical	l
Brown 6 Vanous Grey 7 Black Tan 8 Silver White 9 Blue Red 0 Orange	l Fibrous 2 Non-Fibrous 3 Other	1 Homogeneous 2 Heterogeneous 3 Other 4 Layers (#)	1 Teased 2 Crushed 3 Dissolved 4 Ashed	Chrysotile Amoste Anthophyline Tremolite Actinolite Crocidoite None Detected	1 Celtulose 2 Glass 3 Min Wool 4 Synthetic 5 Other 6 Wollastonite 7 Hair	l Quartz 2 Mica 3 Gypsum 4 Cal Carbonate 5 Matrix 6 Perlite 7 Other	Properties 1 W yy 2 Strugts 3 Specify 2	
					Fibrous	Non Fibrous	# P B E Yes Low Prailet Layers 2 Med 2. Symmetric. 3 10bbqus 3 10bbqus	
Sample	Location	Appearance	Treatment	% ASBESTOS	Type %	1 ypc /0		
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5/29/98 Computer Date

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